

# Tapered roller bearing XAA32028X-Y32028X-TIMKEN - XAA32028X-Y32028X-TIMKEN

<https://www.123bearing.com/bearing-housing/roller-bearing/tapered/xaa32028x-y32028x-timken>

**TAPERED ROLLER BEARINGS**  
SINGLE-ROW • IsoClass

**IsoClass**

| Bearing Dimensions |         |         | Load Ratings                         |                         |                                       |                         |                       |                      | Part Number       |  |
|--------------------|---------|---------|--------------------------------------|-------------------------|---------------------------------------|-------------------------|-----------------------|----------------------|-------------------|--|
| Bore d             | O.D. D  | Width T | Dynami <sup>(1)</sup> C <sub>1</sub> | Factor <sup>(2)</sup> e | Dynami <sup>(3)</sup> C <sub>2e</sub> | Factor <sup>(4)</sup> K | Static C <sub>0</sub> | Assembly Inner/Outer |                   |  |
| mm                 | mm      | mm      | N                                    |                         | N                                     | N                       | N                     |                      |                   |  |
| in                 | in      | in      | lbf                                  |                         | lbf                                   | lbf                     | lbf                   |                      |                   |  |
| 140.000            | 210.000 | 45.000  | 30300                                | 0.04                    | 152000                                | 80000                   | 1.27                  | 94000                | XAA32028X-Y32028X |  |
| 5.5118             | 8.2677  | 1.7717  | 68400                                |                         | 22900                                 | 18500                   |                       | 145000               |                   |  |

  

| Mounting Dimensions |         |                         |  |                                      |  |                                      |                                      |                               |                               | Geometry Factors |                |                | Bearing Weight |      |
|---------------------|---------|-------------------------|--|--------------------------------------|--|--------------------------------------|--------------------------------------|-------------------------------|-------------------------------|------------------|----------------|----------------|----------------|------|
| Shaft               |         |                         |  |                                      | Housing                                    |                                      |                                      |                               |                               | Cage             |                |                |                |      |
| Width B             | Width C | ER Co. a <sup>(1)</sup> | Max Shaft Fillet Radius R <sup>(2)</sup> | Backing Shoulder Dia. d <sub>s</sub> | Max Housing Fillet Radius r <sup>(3)</sup> | Backing Shoulder Dia. D <sub>s</sub> | Backing Shoulder Dia. D <sub>s</sub> | A <sub>1</sub> <sup>(4)</sup> | A <sub>2</sub> <sup>(5)</sup> | G <sub>1</sub>   | G <sub>2</sub> | C <sub>3</sub> | kg             |      |
| mm                  | mm      | in                      | mm                                       | mm                                   | mm   | mm                                   | mm                                   | mm                            | mm                            | mm               | mm             | mm             | lb.            |      |
| 45.000              | 34.000  | 1.4                     | 0.5                                      | 101.0                                | 100.0                                      | 2.0                                  | 201.0                                | 100.0                         | 3.0                           | 2.0              | 204.2          | 108.2          | 0.1049         | 3.23 |
| 1.7717              | 1.3388  | 0.05                    | 0.20                                     | 5.94                                 | 6.22                                       | 0.08                                 | 7.89                                 | 3.94                          | 0.15                          | 0.08             |                |                | 11.54          |      |

## PRODUCT FEATURES

|                  |               |
|------------------|---------------|
| Brand            | TIMKEN        |
| N° Ean13         | 3663952354026 |
| Inside diameter  | 140 mm        |
| Outside diameter | 210 mm        |
| Thickness        | 45 mm         |
| Packaging        | 1             |

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